Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is it is and for which a patent is sought on the invention entitled

We (I) believe that we are (I am) the original, first, and joint (1997) claimed and for which a patent is sought on the invention entitled claimed and for which a patent is sought on the invention entitled		
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the specification of which		
is attached hereto. Was filed on SEPTEMBER 20, 1993 08/124,256		
Application Serial No and amended on		
Filed as PCT international application		
Number,		
and was amended under PCT Article 19 (if applicable).		
onof	the above-id	lentified
We (I) hereby state that we (I) have reviewed and understand the contents of we including the claims, as amended by any amendment referred to above.		
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application as defined and application as defined state	3 0000,	. foreign
we (I) hereby claim foreign priority benefits under Section 119 of Title 35 United State We (I) hereby claim foreign priority benefits under Section 119 of Title 35 United State application(s) for patent or inventor's certificate listed below and have also identificate application for patent or inventor's certificate having a filing date before that of the application for patent or inventor's certificate having a filing date before that of the application for patent or inventor's certificate having a filing date before that of the	application	
application for patent of an application for application for a patent of	Priori	ty.
Day/Month/Year	Claim	
Application No.	☐ Yes	□ No
	☐ Yes	□ No





We (I) hereby claim the benefit under Section 120 of Title 35 United States Code, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Section 112 of Title 35 United States Code, We (I) acknowledge the duty to disclose material information as defined in Section 1.56(a) of Title 37 Code of Federal Regulations, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (pending, patented, abandoned)
07/840,716	FEBRUARY 21, 1992	ABANDONED
07/288,692	DECEMBER 22, 1988	ABANDONED

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,599; Arthur I. Neustadt, Registration Number 24,854; Richard D. Kelly, Registration Number 27,757; James D. Hamilton, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J. Sunderdick, Registration Number 29,004; William E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Stuart D. Pwork, Registration Number 31,103; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; William B. Walker, Registration Number 22,498; Timothy R. Schwartz, Registration Number 32,171; Stephen G. Baxter, Registration Number 32,884; Martin M. Zoltick, Registration Number 35,745; Robert W. Hahl, Registration Number 33,893; and Richard L. Treanor, Registration Number 36,379; our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

John C. REED	Residence: 4375 Toulomne Place
NAME OF FIRST KOKK INVENTOR	Carlsbad, California 92008
ART 1111	Citizen of: U.S.A.
Signature of Inventor	Post Office Address: SAME AS ABOVE
1/12-95	
Date	

CARD SHEETINGS S	RM COVEF ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark/Office TO THE PARTMENT OF COMMERCE PATENT
To the Honor to Commission of Patents and Trademarks:	Please record the attached original documents or copy thereof.
John C. Reed	Name: University of Pennsylvania Internal Address:
Additional name(s) of conveying party(ies) attached? 🔾 Yes 🎞 No	22.5
3. Nature of conveyance:	2700 Verber 5000
2 Assignment	Street Address: 3700 Market Street
☐ Security Agreement ☐ Change of Name	Ste 200
□ Other	City: Philadelphia State: PAT -ZIP: 19104
Execution Date: October 28, 1993	Additional name(s) & address(es) attached? Yes 25 No
4. Application number(s) or patent number(s):	<u> </u>
If this document is being filed together with a new applicatio	n, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
08/124,256	NOV 1 9 1995
Additional numbers at	APPLICATION DIVISION
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Harris F. Brotman	7. Total fee (37 CFR 3.41)\$40,00
Internal Address:	⊠ Enclosed σ
	☐ Authorized to be charged to deposit account ☐
Street Address: 401 "B" Street, Ste, 1700	8. Deposit account number:
	ى +0.00 CX د
City: San Diego State: CA ZIP: 92101	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	SE THIS SPACE 93415142
9/Statement and signature. To the best of my knowledge and belief, the foregoing informathe original document.	nation is true and correct and any attached copy is a true copy of
HARRIS F. BROTMAN	Signature Date
Name of Person Signing Total number of pages including	cover sheet, attachments, and document:

. **::**:::::



Atty Docket No. P0040US1

ASSIGNMENT

WHEREAS, I, John C. Reed, residing at 4375 Toulomne Place, Carlsbad, California 92008, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as Docket No. P0040US1, titled REGULATION OF bcl-2 GENE EXPRESSION, further identified as Application Serial No. 08/124,256, filed September 9, 1993; and

WHEREAS, The Trustees of the University of Pennsylvania, hereinafter referred to as the assignee, of Philadelphia, Pennsylvania, a non-profit corporation of Pennsylvania, U.S.A., is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said Trustees of the University of Pennsylvania, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said John C. Reed have sold, assigned, transferred and set over, and by these presents to hereby sell, assign, transfer and set over, to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letter Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do

everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of said assignee, its successors, assigns, nominees or legal representatives.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereonto set my hand and

seal.

JOHN C. REED

State of (Jana County of) - 12

WITNESS my hand and official seal.

uptal Krismidia

CFFICIAL SEAL
CRYSTAL F. HERNDON
NOTARY PUBLIC CALIFORNIA
SAN CIEGO COUNTY
NY COMM. EXPIRES MAR 7.1995

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S DEPARTMENT OF COMMERCE UNITED **Frademark Office** Patent a.. ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

DOC DATE: 10/28/93

Washington, D.C. 20231

N12B

DATE: 02/22/94

TO:

HARRIS F. BROTMAN 401 "B" STREET, STE. 1700 SAN DIEGO, CA 92101

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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ASSIGNOR:

REED, JOHN C.

NUMBER OF PAGES 003 REEL/FRAME 6835/0295 RECORDATION DATE: 11/09/93

DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

UNIVERSITY OF PENNSYLVANIA 3700 MARKET STREET, STE. 200 PHILADELPHIA, PA 19104

09/20/93 FILING DATE SERIAL NUMBER 8-124256 00/00/00 ISSUE DATE PATENT NUMBER

EXAMINER/PARAL**EGAL**

ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

RECEIVED MAR 1 5 1994 GCAF/H.F. BROTMAN